

ABBEY MARTINEZ

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I am a motivated first-year engineering student with a passion for front-end development and project-based learning. I have experience creating user-friendly applications and solving real-world problems, and I am eager to apply my skills in a professional setting while continuously learning and growing.

SKILLS

- Problem-solving, Team collaboration, Time management
- **Design tools:** Adobe Illustrator, Photoshop, GIMP, Canva
- **Languages:** React native, Javascript, HTML, CSS, C, C#, Python, Matlab
- **Tools and Frameworks:** Agile, Github, Firebase

PROJECTS

TUCKSHOP APP

Developed an app in React Native to increase order efficiency for the school tuckshop. Used Firebase for real-time menu updates and agile methodologies to manage project phases and collaboration.

INTERACTIVE SCHOOL MAP

Created an interactive school map with HTML, CSS, and JavaScript, using Leaflet JS for integration. Designed colour-coded map layouts in Adobe Illustrator and developed a user-friendly interface with clickable room information to help users navigate the campus easily.

OLD WAYS

Collaborated with a team in a hackathon project to create an interactive fiction game in Unity using C#. Designed game sprites, illustrations and cover images with Adobe Illustrator.

EDUCATION

THE UNIVERSITY OF AUCKLAND

Bachelor of Engineering (Hons) | 2024 - 2028 (Expected)

THE UNIVERSITY OF AUCKLAND

Certificate of Proficiency Advancing in Mathematics | 2023

MARIST COLLEGE

Secondary Education | 2017 - 2023

CERTIFICATION & AWARDS

- Proxime Accessit 2023
- NZQA Technology Scholarship (2022)
- NCEA Level 3 Excellence endorsement
- 3rd place GDSC Hackathon 2024
- Sandy Goonan Cup for Excellence in Technology 2023
- 150th Anniversary University of Auckland Scholarship 2023

EXTRA CURRICULARS

2023 Badminton student coach

2023 Polyfest cultural leader

Led the Filipino cultural group and recieved the Judges Choice Award.

2022 Duke of Edinburgh Bronze

2022 Mentor at Fernhall Study Centre

Helped run holiday programmes and ran workshops for young girls

2024 GDSC Hackathon, Kiwijam

Participated in Hackathons at the University of Auckland

2024 Robogals Volunteer

Ran STEM workshops for high school students

2024 Open Day Volunteer

Assisted prospective students and supported with event setup and organization.